

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An electrolytic apparatus for molten salt disposed on an electrolytic cell to electrolyze an electrolytic bath consisting of a mixed molten salt comprises:

a first heat exchanging means to heat and/or cool an electrolytic cell body [[, and]] ;

an outer ~~flame~~ frame which is sealed and disposed further surrounding outside of the first heat exchanging means with space[[,]] ; and

a decompression or a vacuum insulating zone which is formed in the outer ~~flame~~ frame.

Claim 2 (Original): An electrolytic apparatus for molten salt according to claim 1, wherein the electrolytic cell ~~having~~ includes a secondary heat exchanging means to heat the electrolytic cell body.

Claim 3 (Currently Amended): An electrolytic apparatus for molten salt disposed on an electrolytic cell to electrolyze an electrolytic bath consisting of the mixed molten salt comprises:

a first heat exchanging means to heat and/or cool an electrolytic cell body[, and] ;

a support member;

a cover member; and

an electric insulating material and a gas sealing material ~~which are~~ disposed in ~~the electrolytic cell~~ between the support member and the cover member for simultaneous required the electric insulation and the gas sealing ~~simultaneously~~.

Claim 4 (Currently Amended): An electrolytic apparatus for molten salt disposed on an electrolytic cell to electrolyze an electrolytic bath consisting of the mixed molten salt according to claim 1 ~~[[,]]~~ or 2, ~~wherein the first heat exchanging means to heat and /or cool an electrolytic cell body, and the~~ further comprising:

a support member;

a cover member; and

an electric insulating material and ~~the~~ a gas sealing material ~~which are~~ disposed ~~in the electrolytic cell~~ between the support member and the cover member in the electrolytic cell ~~required the~~ for simultaneous electric ~~insulating~~ insulation and gas sealing ~~simultaneously~~.

Claim 5 (Currently Amended): An electrolytic apparatus for molten salt according to ~~claim 1—3,~~ claims 1, 2, or 3, wherein the first heat exchanging means ~~having~~ includes a ~~flowing~~ flow line to flow a heat exchanging medium around the electrolytic cell.

Claim 6 (Original): An electrolytic apparatus for molten salt according to claim 5, wherein the heat exchanging means is a highly electric insulating fluid.

Claim 7 (Currently Amended): An electrolytic apparatus for molten salt according to ~~claim 1—3, 6~~ claims 1, 2, or 3, wherein the electrolytic cell is disposed in ~~the a box which, the box configured to open at an upper part is opened.~~

Claim 8 (Currently Amended): An electrolytic apparatus for molten salt according to ~~claim 1—3, 6~~ claims 1, 2, or 3, wherein the mixed molten salt comprises ~~a~~ of hydrogen fluoride.

Claim 9 (New): An electrolytic apparatus for molten salt disposed on an electrolytic cell to electrolyze an electrolytic bath consisting of a mixed molten salt comprises:

- a jacket configured to heat and/or cool an electrolytic cell body;
- an outer frame which is sealed and disposed further surrounding an outside of the jacket, the outer frame containing a space; and
- a decompression or a vacuum insulating zone which is formed in the space of the outer frame.

Claim 10 (New): An electrolytic apparatus for molten salt according to claim 9, wherein the electrolytic cell further comprises:

- a heating part configured to secondarily heat the electrolytic cell body.

Claim 11 (New): An electrolytic apparatus for molten salt according to claim 9 further comprising:

an electric insulating material and a gas sealing material disposed between a support member and a cover member for simultaneous electric insulation and gas sealing.

Claim 12 (New): An electrolytic apparatus for molten salt according to claim 6, wherein the electrolytic cell is disposed in a box, the box configured to open at an upper part.

Claim 13 (New): An electrolytic apparatus for molten salt according to claim 6, wherein the mixed molten salt comprises of hydrogen fluoride.